SF 751 . C94











GUIDE

Protection for Stock Owners,

IN CASE OF SICKNESS.

A COLLECTION OF 128 PRESCRIPTIONS FOR DIFFERENT DISEASES TO WHICH HORSES, CATTLE, SWINE, SHEEP AND DOGS ARE SUBJECT.

THIS WORK IS THE RESULT OF A THOROUGH EDUCATION, AND THE EXPERIENCE OF 24 YEARS PRACTICE,

M. CROHN, VETERINARY SURGEON

No. 1455/1C

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GUIDE

PROTECTION & STOCK OWNERS.

1 CONDITION POWDER.

Elecampone-root, Juniper berries, Sweet Flag-root, Herba Tripolee fibr., Brimstone, Caraway seed, Chalk, each 4 oz., Glauber's Salt, 8 oz. Pulverize and mix. Give twice a day one tablespoonful in food.

2

Powder for Milk Cows to Increase in Milk.

Anise, Dill, Fennel and Caraway seed, of each 4 oz., Common Salt 8 oz. Golden Sulphur of Antimony 1 oz., Gentian 4 oz Pulverize and mix. Give twice a day one tablespoonful.

PURGATIVE FOR SWINE AND DOGS.

Calomel, Gamboge, take of each 4 grains. Pulverize fine, mix, and give on slice of bread and butter or meat.

4

PURGATIVE FOR CATTLE AND COWS.

Epsom Salt 10 oz., Linseed Meal 2 oz. Give in two lbs. warm water as a drench and repeat after 18 hours if necessary.

5

PURGATIVE FOR HORSES.

- a.—Croton Oil 20 drops, Linseed Meal 1 oz., water enough to make a pill.
- **b.**—Aloes 1 oz., Croton Oil 5 drops, Linseed Meal 1 oz., water enough to make two pills. Give every 12 hours one pill.
- c.—Castor Oil from 16 to 24 oz. as a drench.

FOUNDER.

Give pill a or b of No. 5, and poultice the hoofs with Cow Dung, Clay and Vinegar until inflammation has ceased.

7

When Horses Fall Away in Flesh and Grow Lean.

White Arsenic 40 grains, pulv., Sweet Flag and Juniper Berries, of each 1 oz. Mix well; divide in 8 equal powders, and give daily one powder in a quart of oats after dampened. Feed Potatoes or Carrots if you can.

8

CANCER AND CANCEROUS ULCERS.

Pulverized Caustic Potash 5 drachms, pulverized Quick-lime 6 drachms. Use this as a powder on the ulcer or make with Alcohol a paste and apply it twice a week.

HOOF CANCER AND HOOF ROT.

a.—Alum 6 oz., Copperas 3 oz., Blue Vitriol 1 oz, Camphor 2 drachms. Pulverize fine, mix, and use this twice daily as powder, or with six parts water made to a solution.

b.—White Arsenic 4 grains, Caustic Potash and Aloes, pulv., of each 1 drachm, Water 2 oz. Use as above twice a day.

10

Chapped and Cracked Heels, Scratches, Mallenders and Sallenders.

Hypermanganate Potassa 6 drachms, Water 1 pint. Mix and apply twice a day with a feather; don't wash until healed.

11

HOOF SALVE FOR BRITTLE HARD HORN.

Yellow Wax 2 parts, Tar 3 parts, Lard 12 parts, Tallow 10 parts. Melt over fire; use once daily.

WOUNDS CAUSED BY FIRE.

- a.—Glycerine 5 parts, Yellow of Eggs4 parts. Mix, and apply with a feather.
- b.—Goulard's Extract 1 oz., Linseed Oil8 oz. Mix; use as above.
- c.—Goulard's Extract 1 oz., Linseed Oil 8 oz., Extract Henbane 1 drachm. Mix; use with a feather.

13

SWOLLEN UDDER ON COWS.

Caraway Seed 8 oz., Chamomile Flowers 4 oz., Water 2 lbs. Boil 15 minutes, and wash the Udder with this every hour about 10 minutes, as warm as possible.

14.

Swellings, Wounds, Sprains, Bruises, Sores, with Inflammation.

a.—Arnica Tincture 2 oz., Sugar of Lead $\frac{1}{2}$ oz., Water 1 pint, Opium Tincture 1 oz. Mix; use as a wash.

- **b.**—Goulard's Extract 2 drachms, Alcohol 2 drachms, Water 20 oz Use as a wash.
- c.—Sal Ammoniac 1 part, Saltpetre 3 parts, Water 24 parts. Use as a wash.
- d.—Sal Ammoniac 1 part, Saltpetre 3 parts, Vinegar 6 parts, Water 24 parts. Use as a wash four times a day or oftener.

15 COSTIVENESS IN HORSES.

Bi-Carbonate of Soda 2 drachms, Common Salt $\frac{1}{2}$ oz. Mix; give morning and evening 1 powder in food.

16

LOSS OF APPETITE BY HORSES.

- **a.**—Common Salt 4 oz., pulv. Mustard Seed 4 oz., pulv. Gentian 2 oz. Mix, divide in six parts, and give three times a day one powder in food.
- **b.**—White Arsenic 36 grains, Carbonate of Potassa (pure) 3 drachms, Fœnu Grace 1 oz., Black Antimony 1 oz. Mix, divide in eight parts, and give morning and evening one powder in food.

Inflammation of the Eye from or with Weakness.

- a.—Turpentine, 1 drachm, Lard 2 oz., Verdigris 1 drachm. Mix; put about size of pea of this salve every morning into the eye.
- **b.**—Flowers of Zinc 1 drachm, Cerate 10 drachms Put about size of pea of this Salve every morning on the eye-lids.
- **c.**—Binoxide of Mercury $\frac{1}{2}$ drachm, pulv. Sugar of Lead 10 grains, pulv. Camphor 10 grains, Lard 1 oz. Use as in α . Apply, in all cases, a Spanish Fly-blister or the cheeks below the eye.

18

FILM AND SPECKS IN THE EYE.

- **a.**—Mercurial Ointment $\frac{1}{2}$ oz., pulv Camphor 5 grains. Mix; use as in α , No. 17.
- **b.**—Butter (without salt) 1 oz., Binoxide of Mercury 18 grains, Carbonate of Potassa (pure) 20 grains, pulv. Opium 20 grains. Mix; use as in a, No. 17.

c.—Carbonate of Potassa (pure) 10 grains, dissolve in $\frac{1}{2}$ oz. Water, add pulv. Opium 6 grains. Mix, and put this twice a day in the eye with a feather.

19

Rheumatic Lameness of the Shoulders, Hips. &c.

- a.—Alcohol 5 oz., Spirit of Turpentine 1 oz. Mix; use daily once as a liniment.
- b.—Spirit Hartshorn 1 oz., Spirit Turpentine 1 oz., Spirit Camphor 2 oz., Spirit Soap 2 oz. Mix; use daily twice as a liniment.
- **c.**—Tincture Arnica 4 oz., Chloroform 1 oz , Spirit Camphor 4 oz. Mix; use as in b.
- d.—Spirit Camphor 4 oz., Ether Sulphuric 2 oz., Tincture Capsic 1 oz. Mix; use as in b.

20

LAMENESS CAUSED BY SPRAINING.

- a.—Spirit Camphor, Spirit Soap, Arnica Tincture, Ether, equal parts. Mix; use twice a day as a liniment.
- **b.**—Olive Oil 30 oz., Spirit Hartshorn 4 oz. Mix well; use as in a.

Kneesprung, Weakness in the Knee.

Camphor Oil 4 oz., Extract of Common Dwale 1 drachm, Extract of Henbane 1 drachm, Lubricating Oil of Petroleum 2 oz., Ox Gall 4 oz. Mix; use daily once inside of the Knee.

22

CORNS ON HORSES.

Cut the corn out, and put in the place once a day Aloe Tincture. You will find this a sure cure.

23

Warts on any Place of the Body.

- **a.**—Zinc Chlorat 20 grains, Water $\frac{1}{2}$ drachm. Mix; apply daily once with a brush or feather.
- **b.**—White Arsenic 20 grains, Gum Arabic 20 grains, Cerate ½ drachm. Mix; apply this ointment thin on the wart or warts once a day; as soon as the wart or warts changes color, cease. Two or three applications are generally sufficient.

TAPE-WORM IN SWINE AND DOGS.

- a.—Gamboge 25 grains, Asafætida 40 grains, pulv. Jalap 1 drachm, pulv. Male Fern 3 drachms, pulv. Wormseed 2 drachms, Pyro-Animale Oil 40 Grains, Wormwood Extract and Water as much as necessary to make pills. Each pill must weigh 4 grains. Give morning and evening 6 pills at each time.
- **b.**—Pulv. Male Fern $\frac{3}{4}$ oz., Calomel 10 grains, Gamboge 6 grains, Syrup sufficient to make 4 pills. Give every hour one pill.

25

WORM MEDICINE FOR HORSES.

- a.—Pulv. Nux Vomica ½ oz., pulv. Chamomile Flowers 2 oz., Flour and Water as much as necessary to make 4 pills. Give 2 pills every day.
- **b.**—Pyro-Animale Oil 1 oz., pulv. Aloes 1 oz., pulv. Nux Vomica $\frac{1}{2}$ oz., pulv. Sweet Flag 3 oz., Flour and Water as much as

necessary to make 5 pills. Give morning and evening 1 pill.

c.—Pulv. Nux Vomica $\frac{1}{2}$ oz., boil with 6 pints Water one-quarter of an hour, add 4 oz. Herbs of Wormwood, after another quarter of an hour strain. Divide in six parts and give every three hours one part as a drench.

26

CEMENT FOR CRACKED HOOFS.

Resina Gutta-percha 2 oz., melt together with Gum Ammoniac 1 oz. Apply it warm after the crack is cleaned.

27

CHRONIC FLATULENCY IN HORSES.

- **a.**—Tincture of Black Pepper 1 oz. Give daily in 1 pint water.
- b.—Common Salt 6 oz, pulv. White Chalk 3 oz, pulv. Gentian 3 oz. Mix; give three times a day 1 tablespoonful in food.

FLATULENT COLIC IN HORSES.

- a.—Liver of Sulphur 2 drachms, Glauber's Salt 2 oz. Mix; give in 1 pint tea, made of 1 pint Water and 1 oz. Caraway Seed, as a drench.
- b.—Give Chlroinated Lime 2 drachms in1 quart Water as a drench.
- c.—Fluid Extract of Valerian 1 oz., Sulphuric Ether 1 oz., Tincture Colchici 10 drops, Oil Peppermint 4 drops. Mix, and give in 1 pint cold Water as a drench.

29

Flatulency or Tympanites in Cattle.

- a.—Pyro-animale Oil $\frac{1}{2}$ oz., Spirit Camphor $\frac{1}{2}$ oz., Water 1 pint. Mix, and give as a drench.
- **b.**—Liquor Ammoniac $\frac{1}{2}$ oz., Ether Spirit 1 oz., Water 1 pint. Mix, and give as a drench.

Spasmodic Closure of the Neck of the Bladder, Retention of Urine in Horses.

- a.—Pulv. Chamomile Flowers 2 oz., pulv. Belladonna Root 2 oz., pulv. Glauber's Salt 8 oz., Flour 1 oz., Water as much as necessary to make an electuary. Divide in five parts and give every two hours one part.
- **b.**—Olive Oil 8 oz., pulv. Starch 2 oz., Honey 6 oz., Water 1 pint. Mix; give all at once as a drench.
- c.—Emetic Tartar 20 grains, Saltpetre 2 drachms, pulv. Camphor 8 grains. Mix, and give in one pint Camomile Flower tea as a drench.
- **d.**—Sweet Spirit of Nitre $\frac{1}{2}$ oz., Fluid Extract Valerian $\frac{1}{2}$ oz., Fluid Extract Henbane $\frac{1}{2}$ oz., Chamomile Flower tea 1 pint. Give as a drench.

31

BLOODY URINE IN CATTLE.

a.—Pulv. Borax 8 oz., pulv. Alum 2 cz. Mix; give every two hours 1 tablespoonful in 1 pint Water as a drench.

b.—Pulv. Tormentilla Root **3** oz., pulv. Oak Bark 3 oz. Mix; divide in four parts and give three times a day 1 powder in Linseed Meal gruel.

32

BLOODY URINE IN HORSES.

- a.—Pulv. Sugar of Lead 2 drachms, pulv. Henbane Leaf 4 oz. Mix; divide in four parts; give every three hours 1 powder in 1 pint Linseed Meal gruel as a drench.
- **b.**—Pulv. Camphor 2 drachms, pulv. Willow Bark 3 oz., pulv. Sweet Flag 2 oz. Mix; divide in four parts; give every four hours 1 powder with 1 pint Water as a drench.

33

DIABETES IN HORSES.

- a.—Pulv. Opium 2 drachms, pulv. Sugar of Lead 1 drachm, pulv. Gentian 2 oz. Mix; divide in three parts; give in one day in food.
- **b.**—Pulv. Camphor 2 drachms, pulv. Sulphuret of Iron $\frac{1}{2}$ oz., pulv. Root of Angelica

3 oz. Mix; divide in four parts; give every three hours 1 powder.

34

TO STOP BLEEDING IN WOUNDS.

Saturate a rag with Sesquichloride of Iron and apply it to the wound.

35

HEMORRHAGE.

 $\frac{1}{4}$ oz. of Sesquichloride of Iron in 1 pint Water as a drench, or Tincture Ergot $\frac{1}{2}$ oz. in 1 pint Water as a drench.

36

SPASMODIC COLIC IN HORSES.

- a.—Glauber's Salt 2 oz., Extract Henbane 1 drachm. Mix, and give such doses every half hour until better.
- **b.**—Asafætida 2 drachms, Extract Valerian 4 drachms, the yellow of 1 Egg. Mix; give every two hours such a dose in 1 pint warm Water.

c.—Fluid Extract Henbane $\frac{1}{2}$ oz., Fluid Extract Valerian $\frac{1}{2}$ oz., Chloroform 1 oz. Give every hour such doses in 1 pint cold Water.

37

INFLAMMATION OF THE BOWELS.

- **a.**—Linseed Meal gruel 1 quart, Calomel 1 drachm, Extract Henbane 1 drachm. Give every two hours, three times, such a dose, as a drench.
- **b.**—Epsom Salt 3 oz. Give every three hours one dose in 1 quart Chamomile Flower tea.

38

DIARRHŒA IN CATTLE.

a.—Pulv. Formentilla Root 2 oz., pulv. Oak Bark 2 oz., pulv. Sweet Flag 2 oz., pulv. Gentian 2 oz. Mix; divide in four parts; give three times a day 1 powder.

b.—No. 32, a, and No. 33, a.

DIARRHŒA IN HORSES.

a.—Pulv. Nux Vomica $\frac{1}{2}$ oz., pulv. Chamomile Flowers 2 oz., Water and Flour to make 4 pills. Daily, 3 pills.

b.—Pulv. Opium 2 drachms, Tannin 2 drachms. Mix; divide in two powders, to be used in one day.

40 DIARRHŒA IN LAMBS.

Root of Marsh-mallow 1 oz., cook with 1 lb. Water and add pulv. Opium $\frac{1}{2}$ drachm, pulv, Ginger Root 2 drachms, Catechu $\frac{1}{2}$ oz., Chalk 1 oz. Mix; give morning and evening two tablespoonfuls to each lamb. Shake the bottle before the medicine is poured out.

41

Quinsy, Diptheria, Bronchitis, in Horses and Cattle.

a.—Saltpetre 1 oz., Emetic Tartar 1 drachm, dissolve in 1 pail Water. Use this as drinking water in 12 hours; give no other water to drink.

b.—Emetic Tarter 1 drachm, Black Antimony 2 drachms. Mix, and give morning and evening such powder in drinking water.

42

Mouthwater or Injection in the Mouth for Horses in Diptheria or Sore Mouth.

Oak Bark 2 oz., boil with 2 lbs. Water, add Hydrochloric Acid 1 oz., Honey, 1 lb., Flour 4 oz. Mix.

43

Diphtheria, Bronchitis, Quinsy and Epizotic in Horses.

Pulv. Belladonna Root 1 oz., pulv. Liver of Sulphur 2 drachm, pulv. White Sugar 2 oz. Mix; divide in six parts; give every two hours 1 powder on the tongue.

44

Diphtheria, Bronchitis and Quinsy in Horses when Difficult to Swallow.

a.—Pulv. Liver of Sulphur $\frac{1}{2}$ oz , pulv. Glauber's Salt 6 oz., pulv. Belladonna Root

1 oz., pulv. Liquorice Root 2 oz., Honey as much as necessary to make an electuary. Give every two hours the sixth part on the tongue, and

b.—Give in water to drink in 12 hourspulv. Arnica Root 1 oz.

45

GANGRENE WOUNDS AND SORES.

a.—Pulv. Oak Bark 2 lbs., cut Sage Leaves 6 oz., pulv. Charcoal 4 oz., Water as much as necessary to a cataplasm. Apply it warm.

b.—Caraway Seed 1 lb., Sweet Flag Root 8 oz., pulv. Linseed 10 oz. Mix with as much water as necessary to form a cataplasm; put it between cloth and apply it warm.

46

PAINFUL SWELLINGS.

Leaves of Malva Silvestris, Leaves of Henbane, each 6 oz, Chamomile Flowers 8 oz., Linseed Meal 1 lb. Mix with boiling water and apply warm as cataplasm; warm up every two hours.

47

Gangrene Malenders and Sallenders on Horse's.

a.—Carbolic Acid 2 oz., Oil of Turpentine 2 oz., Olive Oil 2 oz. Mix and apply with a feather.

b.—No. 10.

48

To Cause Vomitting by Dogs and Hogs.

- a.—Emetic Tartar 6 grains, pulv. Root of Ipecacuanha 15 grains. Mix; divide in two parts; give 1 powder in a tablespoonful of water, if necessary; give the second powder after one-quarter of an hour.
- **b.**—Pulv. White Hellebore 6 grains, White Sugar 20 grains. Mix with Honey or Water and give to a large swine or dog; if they are small give only half.

Puerperal Fever, or Calving Fever in Cows.

- **a.**—Pulv. Nux Vomica 1 oz., Emetic Tartar $\frac{1}{2}$ oz., Glauber's Salt 1 lb., Common Salt 4 oz., boil with 1 gallon of Water. Give every hour 1 pint.
- **b.**—Fluid Extract Valerian 1 oz., Sweet Spirits of Nitre 1 oz. Give in 1 pint Water.
- c.—Asafætida $\frac{1}{4}$ oz., Saltpetre $\frac{1}{2}$ oz., Glauber's Salt 2 oz., pulv. Camphor 1 drachm. Give daily twice in 1 quart Linseed Meal gruel.

50

IN CASE COWS DON'T CLEAN.

- **a.**—Carbonate of Potassa (pure) $\frac{1}{2}$ oz., Tops of Savin 1 oz. Scald, strain and give every 6 hours such dose as a drench.
- **b.**—Carbonate of Potassa (pure) ½ oz., Chamomile Flower tea 1 quart. Give morning and evening such dose as a drench for three times.

Lameness in the Back and Paralytic Affection in Cows.

- a.—Nux Vomica 4 drachms, Camphor 1 drachm. Pulverize, mix and give morning and evening one such powder in food.
- **b.**—Nux Vomica 3 drachms, Camphor 2 drachms, Cream of Tartar 1 oz., pulv. Sweet Flag $\frac{1}{2}$ oz. Mix and give 3 such powders a day in water as a drench.

52

Lameness in the Back and Paralytic Affection in Horses.

- a.—Nux Vomica pulv. 8 drachms, Flour 2 oz., Water as much as necessary to make 4 pills. Give 1 pill morning and evening after feeding.
- **b.**—Extract Nux Vomica 1 drachm, pulv. Camphor 1 drachm, pulv. Juniper Berries 1 oz., Flour and Water sufficient to make 2 pills. Give every day 2 such pills until better. Apply a Mustard Plaster on the back.

CATARRH IN HORSES.

- a.—Sal Ammoniac 2 drachms, Saltpetre $\frac{1}{2}$ oz. Mix; give 4 such powders in 24 hours.
- **b.**—Pulv. Elecampone Root 2 oz., Gum Ammoniac 1 oz., Flour 1 oz. Mix; divide in four parts; give daily 2 powders.
- **c.**—Pulv. Arnica Root 2 oz., Emetic Tartar 1 oz., Flour 4 oz. Put in 1 pail Water, and give to drink in 24 hours.

54

HEPITAZATION OF THE LUNGS.

Sub-Carbonate Potassa $\frac{1}{2}$ oz, pulv. Leaves of Foxglove 1 drachm, pulv. Angelica Root 1 oz., Juniper Berries 1 oz. Mix; divide in two doses; use in one day.

55

CHRONIC COUGH IN HORSES.

a.—Pulv. Water-Fennel 6 oz., Golden Sulphur of Antimony 1 oz. Mix; divide in 8 parts; give daily 3 powders in food.

b.—Golden Sulphur of Antimony 1 oz., pulv. Liquorice Root 2 oz., pulv. Fœnugrace 4 oz. Mix; divide in 3 powders; give daily 3 powders in food.

c.—Syrup 4 oz., Morphine 20 grains. Give twice a day 2 tablespoonfuls in food.

56

Inflammation of the Heart and Lungs, with Great Fever.

Pulv. Sugar of Lead 2 drachms, pulv. Purple Foxglove Leaves 2 drachms, pulv. Liquorice Root 2 oz., pulv. Root of Marshmallow 1 oz., Water sufficient to make an electuary. Give the fourth part every 3 hours.

57

Staggers, Megrims, Epilepsy in Horses.

a.—Pulv. Belladonna Leaves $\frac{1}{2}$ oz., pulv. Glauber's Salt 3 oz. Mix; divide in four parts; give morning and evening 1 powder in food.

b.—Pulv. Chamomile Flowers $1\frac{1}{2}$ oz., pulv. Belladonna Leaves $1\frac{1}{2}$ oz., pulv. Glauber's Salt 6 oz. Mix; use as in a.

b.—Cream Tartar 2 oz., pulv. Arnica Root 3 oz., Emetic Tartar 2 drachms. Mix; use as in a and b.

58

BONE SPAVIN, RINGBONE, &c.

Lard 1 oz., Bi-jodat of Mercury 2 drachms, Bi-chloride of Mercury 5 grains. Mix; use once a day only for 4 days, omit 14 days, then apply again, and so on until a cure is effected; do not wash it.

59

SPLINT, RINGBONE, &c.

White Arsenic 20 grains, Lard $\frac{1}{2}$ oz. Mix; apply this Ointment once daily, but not more than four times altogether.

60

Boils, Sarcoma, Flesh Tumors, Carnosity.

Turpentine Venic 2 oz., pulv. Bi-chloride of Mercury $1\frac{1}{2}$ drachm. Apply this on the

boil, &c., as thick as the blade of a knife and cover with a piece of leather.

61 DISTEMPER IN DOGS.

- a.—Hydro-chlorate of Ammonia $\frac{1}{2}$ oz., pulv. Anise $1\frac{1}{2}$ oz., Syrup sufficient to make an electuary Give 1 teaspoonful daily.
- b.—Nux Vomica 20 grains, boil with 8 oz. Water 15 minutes, strain, add Epsom Salt 1 oz., Camphor 20 grains. Give morning and evening 1 tablespoonful.

62 DROPSY IN HORSES.

- **a.**—Oil Turpentine 2 oz, pulv. Resina 1 oz., the yellow of 2 eggs. Mix in a mortar, add decoction of Althacea Root made of Althacea Root 1 oz. and $1\frac{1}{2}$ lbs. boiling water. Divide in two doses, and give them 2 hours apart
- **b.**—Make a decoction out of Purple Fox-glove Leaves $\frac{1}{2}$ oz., boil with 4 lbs. water, strain and give morning one-fourth part as a drench.

c.—Pulv. Saltpetre $1\frac{1}{2}$ oz., pulv. Sulphate of Iron $\frac{1}{2}$ oz., pulv. Cooked Turpentine $\frac{1}{2}$ oz., pulv. Juniper Berries 4 oz. Mix; divide in 3 parts; give morning and evening 1 powder in food,

63

WOUND BALSAM FOR WOUNDS.

Tincture Asafætida $\frac{1}{2}$ oz., Tincture Aloes $\frac{1}{2}$ oz., Tincture Myrrh $\frac{1}{2}$ oz., Oil Turpentine $\frac{1}{2}$ oz. Mix, and use with a feather.

64 FISTULAS.

a.—Creosote 1 drachm, Alcohol $\frac{1}{2}$ oz. Mix; apply twice daily with a feather.

h.—Sublimat 1 drachm, Alcohol $1\frac{1}{2}$ oz. To inject.

c.—*a*, No. 23.

65

WOUND FEVER IN HORSES AND CATTLE.

a.—Emetic Tartar 1 drachm, Glauber's Salt 4 oz. Mix in a pail of Water with Bran and give for 24 hours as drinking water.

b.—Saltpetre 1 oz., Emetic Tartar 1 drachm. Give as above.

66 SWELLED LEGS.

Use Liniment a, No. 20, and give c, No. 62, inwardly.

. 67 DISTEMPER AND STRANGLES.

1st Stadium.—Black Antimony 6 oz., pulv. Liquorice Root 4 oz., pulv. Fænugrace 4 oz. Mix; give at each meal 1 tablespoonful.

2d & 3d Stadium.—Black Antimony 6 oz., Anise 4 oz., Juniper Berries 4 oz., pulv. Arnica Root 2 oz. Give as above.

68

Inflammation of the Kidneys or Bladder in Horses.

Pulv. Camphor 2 drachms, Calomel 2 drachms, pulv. Valerian Root 1 oz., Linseed Meal 2 oz. Mix; divide in 4 parts; give every 3 hours 1 part in 1 pint Chamomile Flower tea.

LIST OF DRUGS

--- USED IN----

VETERINARY PRACTICE,

- AND THEIR -

DOSES FOR HORSES & CATTLE.

DOSE. from 2 to 6 ounces Vinegar, Sugar of Lead, 1 to 1 drachm Goulard's Extract. 1 to 1 drachm Spirit of Salt, 1 dr. to $\frac{1}{2}$ oz. Nitrous Acid, -½ to 2 drachms Oil of Vitriol, 1 to 3 drachms Lard, 2 to 4 ounces Verdigris, -1 dr. to \frac{1}{2} oz. Sulphuric Ether, 2 dr. to 1 oz. Aloes, 1 to 3 drachms Aloes, as purgative, 1 to $1\frac{1}{2}$ ounces Alum, 2 dr. to $\frac{1}{2}$ oz. Hartshorn Salt, 1 to 3 drachms

Sal Ammoniac, - from 2 dr. to $\frac{1}{2}$ oz.
Starch, " 3 to 6 ounces
Lime-water, " 2 to 6 ounces
Tar-water. (for cattle,) " 1 to 3 pounds
Lunar Caustic, " 6 to 8 grains
White Arsenic, - " 6 to 15 grains
Asafætida, " 2 dr. to $\frac{1}{2}$ oz.
Juniper Berries, - " 1 to 2 ounces
Quick-lime, " 1 to 2 drachms
Chlorinated Lime, - " 3 to 5 drachms
Camphor, " ½ to 3 drachms
Spanish Fly " 6 to 20 grains
Charcoal, " $\frac{1}{2}$ to 1 ounce
Resina, " $\frac{1}{2}$ to 1 ounce
Oak Bark, · " $\frac{1}{2}$ to $1\frac{1}{2}$ ounces
Willow Bark, " $\frac{1}{2}$ to $1\frac{1}{2}$ ounces
Cinchona Bark, " $\frac{1}{2}$ to 3 ounces
Sulphate of Quina, - " 4 sc. to 2 dr.
Cascarilla Bark, " $\frac{1}{2}$ to 1 ounce
Blue Vitriol, " $\frac{1}{2}$ to 3 drachms
Ex. of Common Dwale, "10 to 30 grains
Extract of Henbane, " 10 to 30 grains
Extract of Nux Vomica, " 6 to 12 grains
Copperas, " $\frac{1}{2}$ dr. to $\frac{1}{2}$ oz.
Mount'n Arnica Flowers, " $\frac{1}{2}$ to $1\frac{1}{2}$ ounces

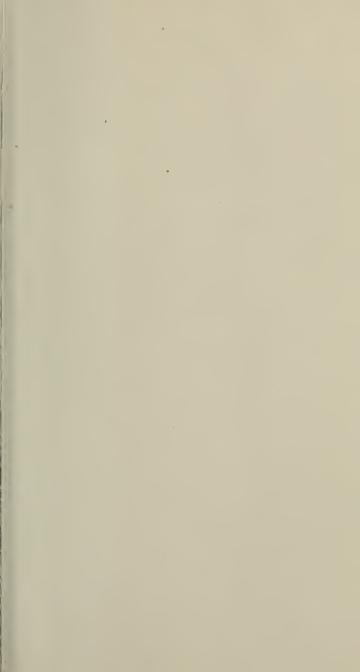
Mountain Arnica Roo	t,	from	$\frac{1}{4}$ to $\frac{1}{2}$ ounce
Chamomile Flowers,		66	$\frac{1}{2}$ to $1\frac{1}{2}$ ounces
Elder Flowers, -		46	$\frac{1}{2}$ to $1\frac{1}{2}$ ounces
Brimstone, -	-	66	2 dr. to 1 ounce
Common Dwale, -		56	2 to 4 drachms
Purple Foxglove,	-	4.6	$\frac{1}{2}$ to 2 drachms
Henbane,		66	$\frac{1}{2}$ to 1 ounce
Peppermint Leaves,		66	$\frac{1}{2}$ to 1 ounce
Tobacco Leaves, -		66	2 dr. to 1 ounce
Sage Leaves, -	-	66	1 to 2 ounces
Gum Arabic,		66	$\frac{1}{2}$ to 2 ounces
Wormwood, -	-	46	$\frac{1}{2}$ to $1\frac{1}{2}$ ounces
Hemlock Leaves, -		\$6	3 dr. to 1 oz.
Tops of Savin, -	_	46	4 dr. to $1\frac{1}{2}$ oz.
Caraway Seed, -		66	$\frac{1}{2}$ to $1\frac{1}{2}$ ounces
Corrosive Sublimate,	-	64	6 to 15 grains
Calomel,		66	20 gr. to 2 dr.
Potash, (pure) -	_	46	2 to 6 drachms
Iodine of Potassium,		66	½ to 1½ drac'ms
Saltpetre,	_	66	2 dr. to 1 oz.
Liver of Sulphur, -		66	½ to 3 drachms
Sulphate of Potash,	_	66	1 to 3 ounces
Sulphate, as a purg.,		66	1 to 1½ pounds
Creosote,	-	66	½ to 2 drachms
Iceland Moss, -		66	1 to 5 ounces

Liquor Ammoniac, - from	2 to 4 drachms
Myrrh, "	2 to 4 drachms
Common Salt, "	½ to 2 ounces
Glauber's Salt, - "	1 to 3 ounces
Glauber's Salt, as purg., "	½ to 1 pound
Nux Vomica, "	½ to 2 drachms
Pyro-animale Oil, - "	2 dr. to 1 oz.
Croton Oil, "	16 to 26 drops
Linseed Oil, "	1 to 4 ounces
Olive Oil, "	1 to 4 ounces
Oil of Turpentine, - "	$\frac{1}{2}$ dr. to $\frac{1}{2}$ oz.
Opium, "	15 gr. to 1 dr.
Petroleum, "	1 dr. to ½ oz.
Tar, "	½ to 1 ounce
Root of Marsh-mallow, "	1 to 2 ounces
Root of Angelica, - "	½ to 1½ ounces
Root Common Dwale, "	1 dr. to $\frac{1}{2}$ oz.
Root Sweet Flag, - "	½ to 1½ ounces
Root Gentian, - "	½ to 1½ ounces
Elecampone Root, - "	½ to 1½ ounces
Root of Black Hellebore, "	20 gr. to ½ dr.
Root of White Hellebore, "	½ to 1 drachm
Liquorice Root, - "	½ to 2 ounces
Tormentilla Root, - "	to 1 ounce
Root of Valerian, - "	½ to 2 ounces

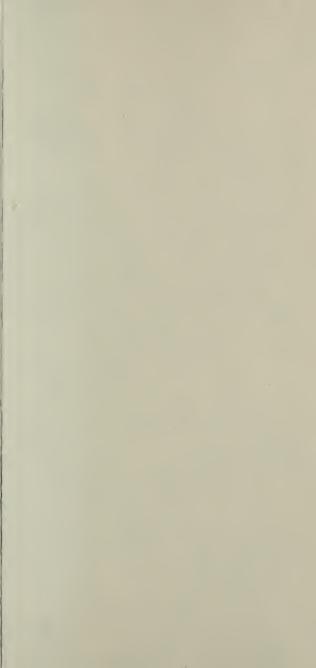
Ginger Root,	from ½ to 1 ounce
Soap,	" ½ to 1 ounce
Tallow,	" 1 to 2 ounces
Anise,	" 1 to 1½ ounces
Hemp Seed,	" 1 to 2 ounces
Fennel Seed,	" 1 to 1½ ounces
Foenugrace,	" 1 to 1½ ounces
Linseed,	" 1 to 2 ounces
Water Fennel,	" ½ to 1 ounce
Mustard Seed, -	" ½ to 1½ ounces
Brandy, (proof spirit) -	" 1 to 3 ounces
Sulphuric Ether, -	" ½ to 2 ounces
Sweet Spirit of Nitre, -	" ½ to 2 ounces
Black Antimony, -	" ½ to 1½ ounces
Golden Sul. of Antimony,	" ½ to 2 drachms
Emetic Tartar, -	" ½ to 2 drachms
Terebinthine Coeta, -	" ½ to 1½ ounces
Opium Tincture, -	" 1 to 2 drachms
Tinc. of White Hellebore,	" ½ to 2 drachms

MEDICAL WEIGHT.

20 Grains, I Scruple	5 Drachms	20 Grams
3 Scruples, 1 Drachm	6 "	23 "
8 Drachms, I Ounce	7 "	27 "
16 Ounces, I Pound	I Qunce,	32 "
I Minim, I Drop	I ½ "	47 "
60 Minims, I fl. Drachm	2 "	63 "
8 fl. Drachms, I fl. Oz	4 "	125 "
16 fl. Ounces, 1 fl. Pint	5 "	156 "
8 fl. Pints, I fl. Gallon	7 "	219 "
1 Grain, I Milligram	8	250 "
1/2 " 3.003 Centigram	9 "	281 "
ı " 6.06 "	10 "	313 "
10 " 65 "	II "	344 "
15 Grains, 1 Gram	12 "	375 "
1 Scruple, 1.30 Grams	14 "	438 "
1 1/2 " 2.00 "	16 "	500 "
2 " 2.60 "	18 "	563 "
3 " 4.00 "	20 "	625 "
4 " 5.20 "	24 "	750 "
2 Drachms, 8 Grams	28 "	875 "
4 " 16 "	32 "	1000 "
H152	78	567











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