

Dip teen laer kost... met
minder arbeid... vinniger en met
groter doeltreffendheid,
met 'n

Dip at less cost... with less
labour... faster, and
greater efficiency
with a

Spuitdip **TAL-TEC** **Spray Race**



DIP MEER AS 300 BEESTE MET 1 LITRE DIP

Weens die klein hoeveelheid dipstof nodig om 'n spuitdip te laat werk, is dit moontlik om 'n vars mengsel aan te maak by elke dipproses. Die voordele hiervan is:

- 1) Die sterkte van die dipoplossing is ALTYD korrek.
- 2) Die tenk kan gereeld skoongemaak word.
- 3) Die tipe dipstof kan na wense verander word.

'n Streng dipprogram moet gevolg word. U plaaslike distriks-veearts sal u kan inlig oor 'n effektiewe program vir u gebied.

Met 'n TAL-TEC spuitdip sal bosluisbesmetting iets van die verlede wees. Beeste kan gedip word so gereeld as wat nodig mag wees teen 'n minimum koste en aarbeid, vir maksimum resultate.

DIP MORE THAN 300 CATTLE WITH 1 LITER OF DIP

Because of the small volume of dip required to operate a spray race, it is feasible to prepare fresh dip at every dipping. The advantages of this are:

- 1) The dilution of the dip is ALWAYS correct.
- 2) The tank can be cleaned regularly.
- 3) The type of dip can be changed at will from one dipping to the next.

A strict dipping program should be followed. Your regional veterinary officer will be able to advise you on an effective program for your area.

With a TAL-TEC spray race tick infestation is something often past. Cattle can be dipped as often as a program calls for at minimum cost and using a minimum of labour for maximum results.



INSTALLATION INSTRUCTIONS TAL-TEC SPRAY RACE

Bolt the pump and the engine on to the frame provided. Place the spray frame pump, and engine and the tank in position. Mark the position of the tank and dig a suitable hole. With the tank in the hole connect the suction and delivery pipes to the pump and connect the delivery pipe to the spray raceframe. Check that pipes line up satisfactorily and that the foot-valve reaches to the bottom of the sump in the tank.

Remove engine and pump and build ridge around the lip of the tank to prevent soil from being washed into the tank by rainwater. Build in the galvanised chute as in drawing. Bolt the handles on to the return flow.

screen. Leave sufficient space under the chute for the return flow screen to slide in. Cast the concrete slab and finish off as in drawing, so that dip will run back into tank. The size of the slab should be approximately 5m x 1,5m. In the crush leading to the spray race a foot bath should be made, with the crush concreted out between the footbath and the spray race.

This prevents mud from being carried into the spray race on the hooves of the cattle.

On the exit side of the spray race a short section of crush should be erected and the concrete extended to

form a drain race. This need not be longer than 3 meters. Fit the sheet with the pre-punched hole over the feed pipe on the spray race frame. Fit 2 more sheets to either side of this sheet and secure with hook bolts.

SPECIFICATIONS

Engine: Max output 3,5kW at 4000 rpm.

Pump delivery: 45000 litres per hour

Tank Capacity: 1300 litres

PRACTICAL HINTS FOR SPRAY DIPPING

It is important to filter the return flow while dipping. The mesh of the filter must be sufficiently fine to filter out leaves, seeds, hair organic material, small stones, grass and the like and at the same time allow a flow of 45 000 litres per hour.

The filter we manufacture is light and easily handled. It has a fine gauze backed by a steel mesh. This combination prevents hair and grass getting through the filter. The design of the filter allows for a large amount of material to be collected in the filter but care should be taken not to allow the filter to fill up and overflow.

The spray race and drain should be swept clean before every dipping. Grass and weeds must be cut and kept short and trees in the immediate vicinity of the dip should be removed.

Clean the tank regularly and remove any sludge that may accumulate at the bottom. Because of the small volume of the dip required to operate a spray race, it is feasible to prepare fresh dip at every dipping. The advantages of this are:

- 1) The dilution of the dip material is ALWAYS correct
- 2) The tank can be cleaned regularly and,
- 3) The type of dip can be changed at will from one dipping to the next.
- 4) A strict dipping programme should be followed. Your regional veterinary officer will be able to advise you on an effective programme for your area.
- 5) With a TAL-TEC spray race tick infestation is something of the past. Cattle can be dipped as often as a programme calls for at minimum cost and using a minimum of labour for maximum results

INSTEELASIE INSTRUKSIES

Monteer die enjin en pomp aan monteringbasis soos op die tekening aangedui. Plaas die raam van die spuitdip, die enjin en pomp, en die tenk min of meer in posisie. Merk plek vir die tenk en grawe die put. Met die tenk in die put, skroef die toevoer- en suigpype vas aan die pomp (soos op die tekening aangedui), om seker te maak dat alles in lyn is voordat u begin messel. Die bodemklep moet tot onder in die opvangput van die tenk bykom.

Verwyder die enjin en die pomp en messel 'n rand om die nek van die tenk om te verhoed dat grond nie deur reënwater ingespoel word nie. Bou die gegalvani- seerde geut in aan die kant van die spuitdipraam, soos op die tekening aangedui. Skroef die handvatseel

aan die terugstroomsif vas. Daar moet genoeg plek wees onder die geut sodat die terugstroomsif maklik onder die geut kan inpas.

Giet nou die betonblad, soos op die tekening aangedui, sodat die dipstof in die tenk sal terugloop. Die grootte van die blad sal omtrent 5m x 1,5m wees. In die drukgang voor die spuitdip moet 'n voetbad gemaak word. Tussen die voetbad en die spuitdip moet daar 'n betonvloer wees. Dit voorkom dat modder nie in die spuitdip deur modder aan die beeste se pote ingetrap word nie.

By die uitgang van die spuitdip moet 'n gedeelte drukgang opgerig en die beton verleng word om 'n

afdrupgang daar te stel. Dit hoef nie langer as 3m te wees nie. Monteer eers die plaat met die deurslaggat oor die toevoerpyp van die spuitgang. Monteer bykomende plate en heg vas met haakboute. Daar moet 5 plate beide kante vasgemaak word.

SPESIFIKASIES

Enjin: Maks kraglewering 3,5kW teen 4000 rpm.

Pomplewering: 45000 liters per uur

Tenk kapasiteit: 1300 liters

PRAKTIESE WENKE VIR SPUITDIPWERK

Baie material kan verstoppings veroorsaak soos blare, saad, hare, organiese material, klipies, gras, ens. Dit is moontlik om terugkerende dipstof skoon te hou deurdat die sifgroottes kleiner as sie spuitkop se deursnee is, bv. Sowaat driekwart die deursnee van die kleinste spuitkop in die stelsel.

Die sif wat ons vervaardig is lig en hanteerbaar om die skoonmaak daarvan in die dipproses te vergemaklik. Die sif moet goed opgepas word terwyl die dipproses aan die gang is, en skoon gemaak word voordat opdrifsels dit verstopt en die dipstof laat oorvloe.

Die spuitgang en die gang vir die terugkerende dipstof moet voor elke diptyd skoon gegee word. Gras en onkruid in die omgewing moet gesny en kort gehou word en bome in die onmiddellike omgewing van die spuitdip moet uitgehaal word.

Maak die put gereeld skoon en al die vuilgoed wat op die vloer van die put versamel moet uitgehaal word.

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