

Feed Material  
Distillers grains and solubles  
1.12.9 in  
EU nr 68/2013

## Agrow Feed <sup>TM</sup> 90

Lantmännen Agroetanol is the largest biorefinery in the Nordic region and is a part of Lantmännen, an agricultural cooperative owned by 25,000 Swedish farmers. Our refining process yields three main products - protein, ethanol and carbon dioxide. They are further processed into animal feed, fuel and carbonic acid.

Agrow Feed <sup>TM</sup> 90 is a pelletized Distillers dried grains with solubles (DDGS), a protein feed that is produced in the production of ethanol. The raw material for ethanol production consists of grains and other starchy and sugar containing products. The fermentation gives a protein feed with low starch content and low pH, which is positive for the palatability. The fermentation process concentrates nutritional benefits of grains in the form of protein, fat and minerals.

The feed material contributes to energy efficiency and responsible climate benefits by reducing carbon dioxide emissions, providing one of the most sustainable protein feed materials on the market.

### Agrow Feed <sup>TM</sup> 90 a feed with high climate performance!

Certificate of analysis Agrow Feed<sup>TM</sup> 90 DDGS

Nutritional value	Per kg dry matter	Per kg feed
Dry matter, %	100	89
Water, %	0	11
Crude protein, g	363	323
Starch, g	12	11
NDF (Fibertec), g	290	258
Crude fiber (FiberCap), g	76	67
Crude fat, g	80	71
Ash, g	58	51

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### Feeding recommendations

Agrow Feed™ 90 is suitable for cattle feeding plans where the roughage is moderate in protein content and high in fiber concentration. Agrow Feed™ 90 works excellent in combination with corn. The protein in Agrow Feed™ 90 is easily digested and the feeding plan needs to be supplemented by other sources of proteins, which adds rumen stable protein. Optimize with other feed materials to ensure the nutritional requirements of the animal.

### Proportion of total feed ration:

Dairy cows 20 %  
Young cattle 15 %  
Beef cattle 20 %

### Handle care

The product should be stored in a dry and clean warehouse. Storage in silo is not recommended. Agrow Feed™ 90 has a pH of about 4.

### Shelf life

Agrow Feed™ 90 ought to be used within 4 months from the date of delivery from Agroetanol, provided storing dry, dark and not above normal room temperature.

### Certificate

All suppliers shall agree to fulfill the Code of Conduct of Lantmännen. The goods delivered are GMP+ assured. Lantmännen Agroetanol AB is also certified according to Swedish national standard VFK (Association for safe feed).

### Contact

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**Our product is not suitable for feed aimed for professional/running horses due to the possibility of traces of theobromine.** The amounts of theobromine are guaranteed to be below the threshold allowed of theobromine content<sup>1</sup> in any compound feed.

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<sup>1</sup> Directive 2002/32/EC of the European Parliament and of the Council of 7 May 2002 on undesirable substances in animal feed