

**FAX RESPONSE + ORDER
Cultivation Agreement**

between

Seller:

Energieberater Dipl.-Ing. Ralf Heise e.K.
Consulting engineer for renewable sources of energy
attn. of Mr. Ralf Heise
Croustillier 6
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Mobile: +49 174 - 7127084
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<mailto:info@energieberater-heise.de>

and

Purchaser:

(Company or name, first name)

(Phone no. or mobile no.)

(Address)

(e-mail)

(ZIP code, town)

concerning the cultivation / sowing of _____ ha/ _____ kg "Szarvasi 1" energy grass

on the plat no. _____ of the district _____

on the plat no. _____ of the district _____

on the plat no. _____ of the district _____

in the federal state of _____

The Purchaser expressly assures that he is aware of the fact that "Szarvasi 1" energy grass is a patented product and adheres to the provisions of Regulation (EC) No. 2100/94 in accordance with the national regulation on Plant Variety Protection.

The variety "Szarvasi 1" is the sole property of the company Bikazugi MEZŐGAZDASÁGI Nonprofit Kft. of Szarvas/Hungary, who also have the sole right to multiply and market "Szarvasi 1" seed material.

Order:

_____ units of 25 kg "Szarvasi 1 Energy Grass" seeds

_____ units of 20 kg "Szarvasi 1 Energy Grass" seeds

at the price of **€18.50 per kg** net ex works.

(Place, date, authorized signature)

(Printed name)

www.hirschgras24.de

www.maisersatz24.de

www.biogasgras24.de

www.pelletgras24.de

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Bank account: Sparkasse Märkisch Oderland
Acc. no.: 3000520022
Sort code: 170 540 40
VAT ID no.: DE248360023

Hungarian energy grass

SZARVASI 1 - Tall Wheatgrass

Agropyron elongatum

Perennial tall wheatgrass for the cultivation of energy and feed crops

- Seedbed:** weed-free, fine crumbled seedbed, sowing depth: 1 cm, roll seedbed after sowing (establish seed/soil contact)
- Seed rate:** Seed in spring 30 kg/ha (take care of late frosts)
Seed in late summer 25 kg/ha (best seed time)
- Fertilization:** during the establishment phase about 60 kg N before cutting back or crop protection measures (not before seed)
during the utilization phase in spring 60-120 kg N (50% minerals, remainder: digestate)
about 60 kg N + 120 kg K / surface growth after harvest with minerals or digestate
addition of sulphur required
organic fertilization is sufficient
near-ground application required
- Crop protection:** use of herbicides in the sowing year possible;
wide-area weed control before seed or before emergence;
observe waiting times;
after emergence: no crop protection products before four-leaf stage, multiple cut-backs (strengthens stand and growth)
- Harvest:** in early summer and fall at full panicle with about 28-32% dry mass
direct chopping (at least 10 – 15 cm cutting height, does not tolerate deep cutting, should be treated as grain)
- Utilization:** agricultural grass up to **5 years** (arable land status!),
Multiple Claim Code: 897
permanent grassland up to **10 years**
- Packaging units:** 20 kg / 25 kg
- General:** difficult development of the young plants
sensitive towards competition (cut-back)
cut-back by at least 5 cm during the establishment phase at a growth height of approx. 15 cm – this fosters tillering
sensitive towards late frosts during the juvenile stage (up to three-leaf stage)
very frost-hardy in later stages