

VED#1 (SST-VED) as the Cosmetics Material

N-Acyltryptamine [Promotion of Metabolism, Hair Growth, and Breeding]

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Fig.1 Annonoaceae Plant



VED#1 (VED) is a kind of acyltryptamine contained in seeds of *Annonoaceae* plants shown in Figure 1. VED promotes metabolism, expands a blood vessel, and cleans skin. VED can be applied as

1. Cosmetic

VED cream application makes stains thinner of 60 years old woman (Fig. 2, a year later) and disappear (Fig. 3, 2 years later). She regained her pure bare skin. The roughened skin (Fig. 4) of 30 years old man becomes clear after a month painting of VED cream. The eruptions of the skin disappeared (Fig. 5).

Fig. 2 Stains become thinner

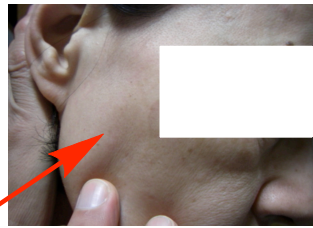


Fig. 3 Return to clean skin



Fig. 4 Man (30 years old)



Fig. 5 Result of Cream Painting for 1 month



Fig. 7 Bald Head ↓



Fig. 8 Result of VED Treatment 6 month later ↓



Fig. 7 shows hereditary bald head of mother concession (Woman, 62 years old).

After treatment with VED liquid and cream for six months, her hair revived and the baldness completely disappeared (Fig. 8).

Application to QOL (quality of life) improvement of many people can be expected as a hair restorer and tonic.

Increase in production of an animal hair fiber of pets, alpaca, vicuna, and so on is expected.

2. Hair Restorer and Tonic

VED taking goat (Fig. 6, front) increased the higher quality cashmere hair and the weight compared with the control (Fig. 6, back). Cashmere weight of the VED taking goat (yellow frame, Table 1) increased to 1.2 and 1.7 times of the control in the respective results of ranch I and II.

Fig. 6 Goat, Cashmere Growth Experiment in Gobi Desert



Table I Cashmere Growth Experiment in Gobi Desert

Goat	Weight of Cashmere (g)	
	Goat taking VED No.1	Control Group
No. 1	320	300
No. 2	300	200
No. 3	205	170
Average	275 (123%)	223.3 (100%)

Ranch II 2006.5 (Age 2, Male) ~ 2007.5

Goat	Weight of Cashmere (g)	
	Goat taking VED No.1	Control Group
No. 1	375 (167%)	225 (100%)

2007.6 (Age 3)~2008.6

No. 1	350 (175%)	200 (100%)
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3. Breeding Agent [meat supply, endangered species recovery, ED treatment]

In the ranch I (Table 1), every female goat became pregnant and bore kid goats (Fig. 9). Survival rate of kid goat is 100% through 4 years' experiments (Fig. 10, control, 80-90%). For the fifth year, we succeeded in the selection of healthy breeding male goat having ability to produce increased amount of high quality cashmere (Fig. 11).

VED can be applied to raise breeding rate of pig, cow, horse, birds, pets and recovery of an extinction anxiety animal. VED can supply edible meat and is useful for the treatment of ED and depression of human being.

Fig. 9 A Part of Kid Goats



The first year, 45 kids were born from 45 females by the VED taking male goat; 2nd and 3rd year, 90 from 90 females; 4th year, 80 from 80 females.

Fig. 10 Comparison of Kid Goat



Kid from VED taking male goat; Harder, bigger, and stand earlier than usual.

Kid from control male goat; Soft and small.

Fig. 11 Selected Breeding Goat



A male breeding goat having high quality cashmere hair, selected from 305 kids, born during 4 years.